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**Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2016, South Dakota**  
(Trillion Btu)

| Year | Fossil Fuels |  |                        |                  |                          |   |                      |                    |         |         | Fossil Fuels<br>(as commingled) |  |   |
|------|--------------|--|------------------------|------------------|--------------------------|---|----------------------|--------------------|---------|---------|---------------------------------|--|---|
|      | Coal         | Natural Gas<br>excluding<br>Supplemental<br>Gaseous Fuels <sup>a</sup> | Petroleum              |                  |                          |   |                      |                    |         | Total   | Total                           | Natural Gas<br>including<br>Supplemental<br>Gaseous Fuels <sup>a</sup> | Motor<br>Gasoline<br>including<br>Fuel Ethanol <sup>a</sup> |
|      |              |  | Distillate<br>Fuel Oil | HGL <sup>b</sup> | Jet<br>Fuel <sup>c</sup> | Motor<br>Gasoline<br>excluding<br>Fuel Ethanol <sup>a</sup> | Residual<br>Fuel Oil | Other <sup>d</sup> | Total   |         |                                 |  |   |
| 1960 | 6.7          | 25.4   | 17.1                   | 5.3              | 6.1                      | 45.0  | 0.6                  | 12.0               | 86.2    | 118.3   | 25.4                            | 45.0   |   |
| 1965 | 5.7          | 26.9   | 21.9                   | 5.9              | 6.0                      | 47.0  | 0.4                  | 8.7                | 90.0    | 122.6   | 26.9                            | 47.0   |   |
| 1970 | 5.7          | 36.5   | 25.5                   | 10.4             | 6.3                      | 52.0  | 2.1                  | 7.5                | 103.8   | 145.9   | 36.5                            | 52.0   |   |
| 1971 | 5.8          | 32.0   | 26.9                   | 10.2             | 6.5                      | 53.8  | 1.3                  | 7.9                | 106.6   | 144.4   | 32.0                            | 53.8   |   |
| 1972 | 5.3          | 34.2   | 26.4                   | 12.0             | 6.1                      | 56.6  | 2.2                  | 8.3                | 111.6   | 151.2   | 34.2                            | 56.6   |   |
| 1973 | 6.3          | 31.3   | 24.7                   | 11.1             | 5.8                      | 57.7  | 1.5                  | 9.8                | 110.7   | 148.3   | 31.3                            | 57.7   |   |
| 1974 | 7.4          | 32.0   | 21.5                   | 10.6             | 6.0                      | 56.2  | 0.8                  | 7.3                | 102.4   | 141.8   | 32.0                            | 56.2   |   |
| 1975 | 24.3         | 32.5   | 22.4                   | 11.1             | 5.7                      | 55.9  | 1.4                  | 7.1                | 103.6   | 160.4   | 32.5                            | 55.9   |   |
| 1976 | 37.1         | 39.2   | 19.4                   | 11.5             | 5.5                      | 57.5  | 1.9                  | 7.6                | 103.4   | 179.7   | 39.2                            | 57.5   |   |
| 1977 | 35.6         | 36.1   | 17.6                   | 14.1             | 5.9                      | 59.3  | 1.8                  | 6.1                | 104.8   | 176.5   | 36.1                            | 59.3   |   |
| 1978 | 38.6         | 35.4   | 21.7                   | 12.1             | 7.2                      | 60.0  | 1.8                  | 7.8                | 110.5   | 184.4   | 35.4                            | 60.0   |   |
| 1979 | 35.5         | 25.6   | 37.0                   | 9.2              | 7.2                      | 56.6  | 1.4                  | 7.0                | 118.4   | 179.4   | 25.6                            | 56.6   |   |
| 1980 | 36.6         | 24.0   | 28.0                   | 9.5              | 7.1                      | 50.9  | 0.8                  | 5.8                | 102.0   | 162.6   | 24.0                            | 50.9   |   |
| 1981 | 36.2         | 22.1   | 25.7                   | 6.7              | 6.1                      | 48.3  | 1.0                  | 5.1                | 92.9    | 151.2   | 22.1                            | 48.3   |   |
| 1982 | 37.0         | 25.0   | 29.6                   | 8.3              | 6.1                      | 47.6  | 0.3                  | 5.8                | 97.7    | 159.7   | 25.0                            | 47.6   |   |
| 1983 | 30.7         | 23.6   | 26.1                   | 8.4              | 5.2                      | 47.0  | 0.9                  | 5.1                | 92.6    | 146.9   | 23.6                            | 47.0   |   |
| 1984 | 34.4         | 24.9   | 29.7                   | 3.8              | 5.5                      | 46.7  | 0.6                  | 6.9                | 93.2    | 152.5   | 24.9                            | 46.7   |   |
| 1985 | 34.5         | 25.5   | 30.0                   | 4.6              | 5.5                      | 48.7  | 0.2                  | 7.1                | 96.3    | 156.3   | 25.5                            | 48.7   |   |
| 1986 | 29.2         | 23.4   | 36.3                   | 5.9              | 2.8                      | 47.3  | 0.4                  | 6.9                | 99.6    | 152.2   | 23.4                            | 47.3   |   |
| 1987 | 14.6         | 21.4   | 36.9                   | 8.9              | 3.6                      | 47.4  | 0.3                  | 6.0                | 103.0   | 139.0   | 21.4                            | 47.4   |   |
| 1988 | 33.8         | 24.7   | 37.6                   | 6.0              | 4.7                      | 48.2  | 0.5                  | 7.3                | 104.3   | 162.8   | 24.7                            | 48.2   |   |
| 1989 | 34.3         | 25.9   | 34.3                   | 13.5             | 5.5                      | 47.9  | 0.4                  | 6.6                | 108.4   | 168.6   | 25.9                            | 47.9   |   |
| 1990 | 34.9         | 25.4   | 34.6                   | 13.7             | 5.9                      | 47.2  | 0.4                  | 6.7                | 108.6   | 168.9   | 25.4                            | 47.2   |   |
| 1991 | 38.7         | 26.7   | 33.9                   | 6.7              | 2.0                      | 47.9  | 0.4                  | 6.4                | 97.4    | 162.8   | 26.7                            | 47.9   |   |
| 1992 | 36.0         | 27.0   | 32.0                   | 7.2              | 6.9                      | 49.1  | 0.9                  | 7.3                | 103.3   | 166.4   | 27.0                            | 49.1   |   |
| 1993 | 36.4         | 31.7   | 35.7                   | 9.7              | 6.4                      | 48.4  | 0.7                  | 5.6                | 106.6   | 174.7   | 31.7                            | 50.0   |   |
| 1994 | 41.4         | 31.2   | 37.9                   | 8.6              | 7.1                      | 49.6  | 0.5                  | 5.5                | 109.3   | 181.9   | 31.2                            | 51.5   |   |
| 1995 | 37.4         | 34.7   | 36.4                   | 8.6              | 7.9                      | 50.5  | 0.1                  | 6.8                | 110.3   | 182.5   | 34.7                            | 52.2   |   |
| 1996 | 33.5         | 37.3   | 38.0                   | 11.0             | 5.7                      | 51.7  | 0.3                  | 8.8                | 115.5   | 186.4   | 37.3                            | 53.0   |   |
| 1997 | 42.9         | 36.8   | 35.7                   | 9.9              | 4.0                      | 51.6  | 0.4                  | 10.3               | 111.9   | 191.6   | 36.8                            | 53.0   |   |
| 1998 | 41.0         | 33.4   | 34.2                   | 8.1              | 4.6                      | 52.9  | 0.6                  | 9.9                | 110.3   | 184.7   | 33.4                            | 54.4   |   |
| 1999 | 46.3         | 36.0   | 35.4                   | 7.5              | 4.4                      | 52.1  | 0.6                  | 13.9               | 113.8   | 196.1   | 36.0                            | 53.9   |   |
| 2000 | 50.6         | 38.1   | 35.1                   | 9.8              | 5.8                      | 51.8  | 0.8                  | 12.8               | 116.2   | 204.9   | 38.1                            | 53.7   |   |
| 2001 | 44.4         | 37.0   | 36.8                   | 7.8              | 5.5                      | 51.4  | 0.7                  | 8.3                | 110.5   | 191.9   | 37.0                            | 53.2   |   |
| 2002 | 40.0         | 41.5   | 39.5                   | 11.3             | 5.2                      | 53.2  | 0.7                  | 8.1                | 117.9   | 199.4   | 41.5                            | 55.2   |   |
| 2003 | 43.0         | 43.9   | 36.5                   | 9.9              | 4.4                      | 51.6  | 0.3                  | 10.0               | 112.5   | 199.4   | 43.9                            | 53.6   |   |
| 2004 | 43.6         | 41.8   | 38.1                   | 9.1              | 4.4                      | 52.1  | 0.6                  | 8.9                | 113.2   | 198.5   | 41.8                            | 54.0   |   |
| 2005 | 37.0         | 42.8   | 39.9                   | 8.2              | 5.6                      | 51.1  | 0.4                  | 13.2               | 118.4   | 198.2   | 42.8                            | 53.4   |   |
| 2006 | 39.6         | 40.9   | 39.7                   | 8.1              | 5.4                      | 50.8  | 0.2                  | 12.2               | 116.4   | 196.8   | 40.9                            | 53.0   |   |
| 2007 | 33.3         | 54.1   | 45.1                   | 9.0              | 5.0                      | 50.4  | 0.2                  | 8.1                | 117.7   | 205.1   | 54.1                            | 53.2   |   |
| 2008 | 43.1         | 65.5   | 41.7                   | 10.1             | 3.7                      | 48.3  | 0.3                  | 8.9                | 113.0   | 221.6   | 65.5                            | 51.6   |   |
| 2009 | 37.5         | 66.3   | 41.9                   | 10.2             | 4.0                      | 51.5  | 0.1                  | 7.9                | 115.7   | 219.5   | 66.3                            | 54.9   |   |
| 2010 | 39.1         | 72.9   | 43.4                   | 7.8              | 4.1                      | 49.8  | (s)                  | R 9.3              | R 114.5 | R 226.5 | 72.9                            | 53.7   |   |
| 2011 | 32.1         | 74.0   | 46.2                   | 6.9              | 3.4                      | 50.1  | 0.2                  | R 6.2              | R 113.1 | R 219.2 | 74.0                            | 53.8   |   |
| 2012 | 35.6         | 71.5   | 46.2                   | 6.2              | 5.2                      | 51.6  | (s)                  | R 9.0              | R 118.2 | R 225.3 | 71.5                            | 55.3   |   |
| 2013 | 34.2         | 84.5   | 45.9                   | 7.5              | 3.8                      | 50.6  | (s)                  | R 5.8              | R 113.6 | R 232.3 | 84.5                            | 54.4   |   |
| 2014 | 33.1         | 83.9   | 45.6                   | 7.2              | 5.7                      | 51.6  | (s)                  | R 5.7              | R 115.8 | R 232.8 | 83.9                            | 55.5   |   |
| 2015 | 19.6         | R 83.4   | 46.1                   | 6.3              | 4.8                      | R 53.5  | (s)                  | R 5.9              | R 116.6 | R 219.6 | R 83.4                          | R 57.6   |   |
| 2016 | 26.7         | 85.6   | 44.1                   | 7.0              | 4.9                      | 54.3  | (s)                  | 4.8                | 115.2   | 227.4   | 85.6                            | 58.4   |   |

<sup>a</sup> Supplemental gaseous fuels (SGF) and fuel ethanol are consumed with natural gas and motor gasoline, respectively. In this table, natural gas excluding SGF and motor gasoline excluding fuel ethanol are presented so that a fossil fuel total can be calculated. Natural gas including SGF and motor gasoline including fuel ethanol are presented separately for reference.

<sup>b</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

<sup>c</sup> Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

<sup>d</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other

petroleum products" category. See Technical Notes, Section 4.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

**Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2016, South Dakota (Continued)**  
(Trillion Btu)

| Year | Nuclear Electric Power | Renewable Energy                    |                               |                           |                                     |                    |                          |                      |      |                    | Net Interstate Flow of Electricity <sup>k</sup> | Net Electricity Imports <sup>l</sup> | Total <sup>f</sup> |
|------|------------------------|-------------------------------------|-------------------------------|---------------------------|-------------------------------------|--------------------|--------------------------|----------------------|------|--------------------|---|--------------------------------------|--------------------|
|      |                        | Hydro-electric Power <sup>e,f</sup> | Biomass                       |                           |                                     |                    | Geo-thermal <sup>f</sup> | Solar <sup>f,j</sup> | Wind | Total <sup>f</sup> |   |                                      |                    |
|      |                        |                                     | Wood and Waste <sup>f,g</sup> | Fuel Ethanol <sup>h</sup> | Losses and Co-products <sup>i</sup> | Total <sup>f</sup> |                          |                      |      |                    |   |                                      |                    |
| 1960 | 0.0                    | 12.4                                | 1.5                           | NA                        | NA                                  | 1.5                | 0.0                      | NA                   | NA   | 14.0               | -3.4  | 0.0                                  | 128.9              |
| 1965 | 0.0                    | 40.5                                | 1.1                           | NA                        | NA                                  | 1.1                | 0.0                      | NA                   | NA   | 41.6               | -24.1   | 0.0                                  | 140.1              |
| 1970 | 0.0                    | 69.0                                | 1.1                           | NA                        | NA                                  | 1.1                | 0.0                      | NA                   | NA   | 70.2               | -47.3   | 0.0                                  | 168.8              |
| 1971 | 0.0                    | 81.5                                | 1.1                           | NA                        | NA                                  | 1.1                | 0.0                      | NA                   | NA   | 82.6               | -56.7   | 0.0                                  | 170.2              |
| 1972 | 0.0                    | 77.1                                | 1.2                           | NA                        | NA                                  | 1.2                | 0.0                      | NA                   | NA   | 78.3               | -50.3   | 0.0                                  | 179.2              |
| 1973 | 0.0                    | 50.3                                | 1.3                           | NA                        | NA                                  | 1.3                | 0.0                      | NA                   | NA   | 51.5               | -23.0   | 0.0                                  | 176.9              |
| 1974 | 0.0                    | 59.1                                | 1.3                           | NA                        | NA                                  | 1.3                | 0.0                      | NA                   | NA   | 60.4               | -29.6   | 0.0                                  | 172.6              |
| 1975 | 0.0                    | 82.5                                | 1.5                           | NA                        | NA                                  | 1.5                | 0.0                      | NA                   | NA   | 84.0               | -62.4   | 0.0                                  | 182.0              |
| 1976 | 0.0                    | 73.1                                | 1.7                           | NA                        | NA                                  | 1.7                | 0.0                      | NA                   | NA   | 74.8               | -59.0   | 0.0                                  | 195.4              |
| 1977 | 0.0                    | 55.2                                | 1.9                           | NA                        | NA                                  | 1.9                | 0.0                      | NA                   | NA   | 57.1               | -36.6   | 0.0                                  | 197.0              |
| 1978 | 0.0                    | 70.8                                | 2.0                           | NA                        | NA                                  | 2.0                | 0.0                      | NA                   | NA   | 72.8               | -51.5   | 0.0                                  | 205.7              |
| 1979 | 0.0                    | 65.8                                | 2.0                           | NA                        | NA                                  | 2.0                | 0.0                      | NA                   | NA   | 67.8               | -42.2   | 0.0                                  | 205.1              |
| 1980 | 0.0                    | 60.4                                | 3.3                           | NA                        | NA                                  | 3.3                | 0.0                      | NA                   | NA   | 63.8               | -35.5   | 0.0                                  | 190.8              |
| 1981 | 0.0                    | 55.5                                | 3.1                           | 0.1                       | 0.0                                 | 3.2                | 0.0                      | NA                   | NA   | 58.6               | -31.0   | 0.0                                  | 178.8              |
| 1982 | 0.0                    | 56.7                                | 3.5                           | 0.1                       | 0.0                                 | 3.7                | 0.0                      | NA                   | NA   | 60.4               | -28.7   | 0.0                                  | 191.4              |
| 1983 | 0.0                    | 58.1                                | 3.4                           | 0.3                       | 0.0                                 | 3.7                | 0.0                      | NA                   | 0.0  | 61.8               | -23.1   | 0.0                                  | 185.6              |
| 1984 | 0.0                    | 59.7                                | 4.0                           | 0.3                       | 0.0                                 | 4.4                | 0.0                      | 0.0                  | 0.0  | 64.1               | -27.9   | 0.0                                  | 188.7              |
| 1985 | 0.0                    | 55.7                                | 4.1                           | 0.3                       | 0.0                                 | 4.5                | 0.0                      | 0.0                  | 0.0  | 60.2               | -21.6   | 0.0                                  | 194.9              |
| 1986 | 0.0                    | 59.9                                | 4.1                           | 0.5                       | 0.0                                 | 4.6                | 0.0                      | 0.0                  | 0.0  | 64.5               | -21.6   | 0.0                                  | 195.1              |
| 1987 | 0.0                    | 56.1                                | 3.6                           | 0.5                       | 0.0                                 | 4.1                | 0.0                      | 0.0                  | 0.0  | 60.2               | -3.9  | 0.0                                  | 195.3              |
| 1988 | 0.0                    | 54.6                                | 3.8                           | 0.5                       | 0.5                                 | 4.8                | 0.0                      | 0.0                  | 0.0  | 59.4               | -16.7   | 0.0                                  | 205.5              |
| 1989 | 0.0                    | 47.8                                | 3.3                           | 0.6                       | 0.5                                 | 4.4                | 0.1                      | (s)                  | 0.0  | 52.3               | -6.4  | 0.0                                  | 214.5              |
| 1990 | 0.0                    | 40.9                                | 2.2                           | 0.5                       | 0.5                                 | 3.2                | 0.2                      | (s)                  | 0.0  | 44.3               | 4.1   | 0.0                                  | 217.3              |
| 1991 | 0.0                    | 40.0                                | 2.3                           | 1.1                       | 0.5                                 | 3.9                | 0.2                      | (s)                  | 0.0  | 44.1               | 6.7   | 0.0                                  | 213.6              |
| 1992 | 0.0                    | 37.4                                | 2.4                           | 1.5                       | 0.5                                 | 4.4                | 0.2                      | (s)                  | 0.0  | 41.9               | 8.1   | 0.0                                  | 216.4              |
| 1993 | 0.0                    | 26.7                                | 2.1                           | 1.6                       | 0.5                                 | 4.3                | 0.2                      | (s)                  | 0.0  | 31.2               | 23.9  | 0.0                                  | 229.7              |
| 1994 | 0.0                    | 52.9                                | 2.1                           | 1.9                       | 0.8                                 | 4.8                | 0.2                      | (s)                  | 0.0  | 57.9               | -3.5  | 0.0                                  | 236.3              |
| 1995 | 0.0                    | 62.0                                | 2.1                           | 1.8                       | 0.8                                 | 4.7                | 0.2                      | (s)                  | 0.0  | 66.9               | -9.5  | 0.0                                  | 239.9              |
| 1996 | 0.0                    | 82.5                                | 2.2                           | 1.2                       | 0.8                                 | 4.2                | 0.3                      | (s)                  | 0.0  | 87.0               | -20.3   | 0.0                                  | 253.1              |
| 1997 | 0.0                    | 92.0                                | 1.9                           | 1.4                       | 0.7                                 | 4.0                | 0.3                      | (s)                  | 0.0  | 96.3               | -45.4   | 0.3                                  | 242.8              |
| 1998 | 0.0                    | 58.7                                | 1.6                           | 1.6                       | 0.9                                 | 4.1                | 0.4                      | (s)                  | 0.0  | 63.2               | -7.8  | -0.1                                 | 240.0              |
| 1999 | 0.0                    | 68.3                                | 1.7                           | 1.8                       | 0.9                                 | 4.4                | 0.4                      | (s)                  | 0.0  | 73.1               | -24.6   | 0.8                                  | 245.5              |
| 2000 | 0.0                    | 58.3                                | 1.8                           | 1.9                       | 1.0                                 | 4.7                | 0.4                      | (s)                  | 0.0  | 63.4               | -9.2  | (s)                                  | 259.1              |
| 2001 | 0.0                    | 35.5                                | 1.8                           | 1.8                       | 1.5                                 | 5.1                | 0.5                      | (s)                  | (s)  | 41.1               | 18.8  | (s)                                  | 251.7              |
| 2002 | 0.0                    | 44.3                                | 1.7                           | 2.1                       | 3.7                                 | 7.4                | 0.5                      | (s)                  | 0.1  | 52.3               | 19.4  | (s)                                  | 271.0              |
| 2003 | 0.0                    | 43.3                                | 1.8                           | 2.0                       | 9.0                                 | 12.8               | 0.6                      | (s)                  | 0.4  | 57.2               | 18.6  | 0.0                                  | 275.2              |
| 2004 | 0.0                    | 36.0                                | 1.8                           | 1.9                       | 18.2                                | 21.9               | 0.7                      | (s)                  | 1.6  | 60.2               | 25.8  | (s)                                  | 284.6              |
| 2005 | 0.0                    | 30.7                                | 1.5                           | 2.3                       | 24.4                                | 28.3               | 0.8                      | (s)                  | 1.6  | 61.4               | 42.6  | (s)                                  | 302.2              |
| 2006 | 0.0                    | 33.7                                | 1.4                           | 2.2                       | 31.6                                | 35.2               | 0.9                      | (s)                  | 1.5  | 71.3               | 39.0  | 0.0                                  | 307.1              |
| 2007 | 0.0                    | 28.8                                | 1.5                           | 2.9                       | 33.6                                | 38.0               | 0.9                      | (s)                  | 1.5  | 69.2               | 56.5  | (s)                                  | 330.8              |
| 2008 | 0.0                    | 29.5                                | 1.7                           | 3.3                       | 44.4                                | 49.4               | 1.5                      | (s)                  | 1.4  | 81.7               | 50.3  | 0.0                                  | 353.6              |
| 2009 | 0.0                    | 43.3                                | 2.1                           | 3.4                       | 51.3                                | 56.9               | 1.6                      | (s)                  | 4.1  | 105.8              | 38.0  | (s)                                  | 363.3              |
| 2010 | 0.0                    | 51.1                                | R 2.0                         | 3.9                       | 58.2                                | R 64.1             | 1.7                      | (s)                  | 13.4 | R 130.3            | 22.1  | 0.0                                  | R 378.8            |
| 2011 | 0.0                    | 64.2                                | R 2.4                         | 3.7                       | 56.5                                | R 62.6             | 2.0                      | (s)                  | 25.9 | R 154.7            | 5.0   | (s)                                  | R 378.8            |
| 2012 | 0.0                    | 56.9                                | R 2.2                         | 3.8                       | 52.9                                | 58.9               | 1.9                      | (s)                  | 22.4 | R 140.1            | 5.4   | 0.0                                  | R 370.9            |
| 2013 | 0.0                    | 38.8                                | R 2.8                         | 3.8                       | 55.0                                | R 61.6             | 1.9                      | (s)                  | 25.6 | R 127.9            | 30.2  | 0.0                                  | R 390.5            |
| 2014 | 0.0                    | 52.3                                | R 2.8                         | 3.9                       | 55.9                                | R 62.6             | 1.9                      | (s)                  | 22.2 | R 139.0            | 22.3  | 0.0                                  | R 394.1            |
| 2015 | 0.0                    | 45.2                                | 2.3                           | R 4.1                     | 55.9                                | R 62.3             | 1.9                      | (s)                  | 23.3 | R 132.7            | 33.1  | 0.0                                  | R 385.4            |
| 2016 | 0.0                    | 44.4                                | 2.2                           | 4.2                       | 55.1                                | 61.5               | 1.9                      | (s)                  | 34.3 | 142.0              | 13.8  | 0.0                                  | 383.2              |

<sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

<sup>g</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>h</sup> Excludes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

<sup>i</sup> Losses and co-products from the production of fuel ethanol.

<sup>j</sup> Solar thermal and photovoltaic energy.

<sup>k</sup> Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state

during the year. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

<sup>l</sup> Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.